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States. A distinction is made in census work between the mainland of the United States and the entire area of enumeration, excluding from the mainland enumeration the population of Alaska and Hawaii and persons in the military and naval service of the United States (including civilian employees) stationed abroad. There were in 1903 about 3,750 cities and towns in the United States having a population of 1,000 or over. The exact numbers can not be precisely determined, except after the lapse of a certain period, for the reason that municipalities are constantly consolidating, large cities by suburban extension absorbing surrounding incorporated places, and places of all sizes meeting others in their spread from initial centers.

Figures from 1,423 of the 3,750 municipalities were utilized. Thus the grand totals furnish fairly accurate annual mortality figures for the urban population of the United States for the year 1903, namely, 16.12 per mille of the Census Bureau's estimated population for the year and 15.43 per mille of the locally estimated population. A calculation of annual mortality founded on the official United States census for 1900 yields a rate of 17.52 per mille. The tables published for the year 1902 gave an annual mortality of 16.84 per mille, reckoned on the United States census of 1900, and 15.38 on the locally estimated population. The variance of results obtained by the use of the Census figures for 1900 and of the local estimates is seen to be greater with the advance of a year from the date of the decennial census. The object of the yearly United States census estimate is to rectify such variances, as far as possible, and for this reason has been used in preparing the tables of mortality. The tables show a grand total of 43,269 deaths from tuberculosis in 1903 among the population covered by the reports. In 1902 the tables gave 41,404 deaths from this infection among a population of 22,469,816, based on the official United States census for 1900.

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## UNITED STATES.

[Reports to the Surgeon-General Public Health and Marine-Hospital Service.]

### *Vaccination in Boston, Mass.*

The following is received from the Department of health of Boston, through Surgeon Woodward, under date of June 15:

For the eight months beginning October 1, 1904, and ended May 31, 1905, there were 1,749 vaccinations with the State virus. Of these 1,692 were primary vaccinations and 57 secondary vaccinations. For successful primary vaccination 276 certificates were issued; for successful secondary vaccination 12 certificates. During this time there were returned 12 cases of unsuccessful primary vaccination and 11 cases of unsuccessful secondary vaccination, or 23 in all. Of the 12

unsuccessful primary cases, after rescarification 4 returned successfully vaccinated. The remaining 8 did not come back to this office.

	Vacci-nated.	Certifi-cates issued.		Vacci-nated.	Certifi-cates issued.
October:			February:		
Primary .....	116	72	Primary .....	6	6
Secondary .....	7	2	Secondary .....	8	2
November:			March:		
Primary .....	37	22	Primary .....	16	9
Secondary .....	1	0	Secondary .....	1	1
December:			April:		
Primary .....	8	3	Primary .....	28	16
Secondary .....	2	1	Secondary .....	5	2
January:			May:		
Primary .....	11	7	Primary .....	1,470	141
Secondary .....	18	1	Secondary .....	15	3

*Report from Gulf Quarantine, Miss.—Steamship Hiram discharged from quarantine.*

Passed Assistant Surgeon Wille reports, June 12, as follows:

The steamship *Hiram* was discharged from this quarantine yesterday morning, June 11, there having been no developments beyond the 2 cases of yellow fever previously reported. This vessel was held seven days after sulphurization less five hours, which time would be consumed in proceeding to Mobile.

*Report from Gulfport, Miss.—Death from enteric fever.*

Acting Assistant Surgeon Sheely reports, June 11, as follows:

During the past week there occurred 1 death from enteric fever in the third week; otherwise there is nothing of importance to report.

#### INSPECTION SERVICE, MEXICAN BORDER.

*Inspection at Eagle Pass, Tex.*

Acting Assistant Surgeon Hume reports as follows:

	Week ended June 11, 1905.
Persons inspected on trains .....	169
Persons held .....	0

*Inspection at El Paso, Tex.*

Acting Assistant Surgeon Alexander reports as follows:

Week ended June 10, 1905.

Inspection Mexican Central passengers, 217; inspection Mexican Central immigrants, 87; inspection of Japanese, 2; inspection of Spaniards, 4; inspection certificate cause of death of corpse transferred into the United States, 1; disinfection of soiled linen imported for laundry work, 517 pieces; vaccination of children of immigrants, 7.